Contact insert - HC-A 10-EBUS - 1773077

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HEAVYCON female insert, A10 series, 10-pos., screw connection

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 134402
Weight per Piece (excluding packing)	64.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For housing HC-D15
Connection method	Screw connection
Tightening torque	0.5 Nm
Degree of pollution	3
Overvoltage category	III
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Number of positions	10+PE
Insertion/withdrawal cycles	≥ 500
Size	D15

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Technical data

General

Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm² ... 2.5 mm² (Applies to stranded conductors with ferrules)
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	7 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)

Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	16 A

Standards and Regulations

Connection in acc. with standard	IEC / EN
	CSA
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209

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Classifications

eCl@ss

eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	20-13
Nominal current IN	10 A
Nominal voltage UN	600 V

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Approvals

UL Recognized

Nominal voltage UN	600 V

cUL Recognized

Nominal voltage UN	600 V

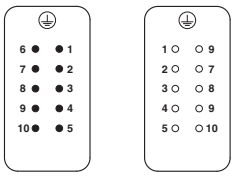
EAC

EAC

cULus Recognized

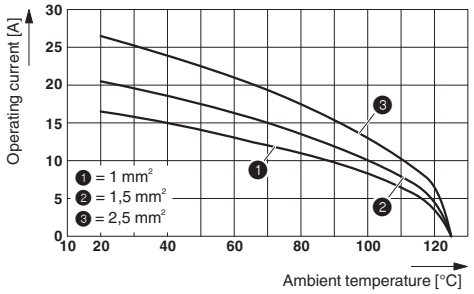
Drawings

Schematic diagram



Connector pin assignment, connection side

Diagram



Derating diagram: Series HC-A 10...S

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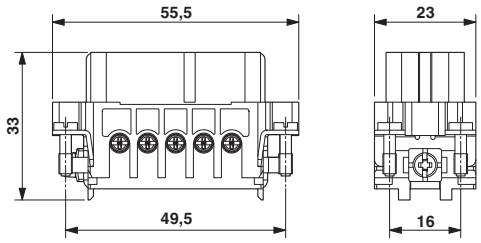
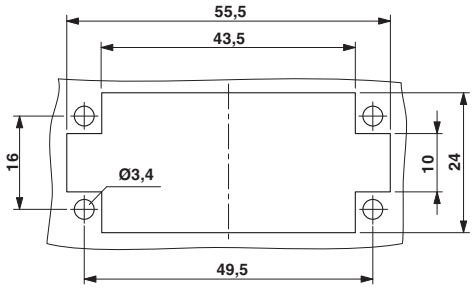
Dimensional drawing



Female insert

Dimensional drawing



Panel cutout

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